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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/559,659	04/05/2006	Hiromitsu Kato	520.456-46X00	7211
20457 7590 10/01/2008 ANTONELLI, TERRY, STOUT & KRAUS, LLP 1300 NORTH SEVENTEENTH STREET SUITE 1800 ARLINGTON, VA 22209-3873				
EXAMINER NGUYEN, HUY D				
ART UNIT 2617		PAPER NUMBER		
MAIL DATE 10/01/2008		DELIVERY MODE PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/559,659

Applicant(s)

KATO ET AL.

Examiner

HUY D. NGUYEN

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 December 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-3 is/are allowed.
- 6) ☒ Claim(s) 4-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SG/US)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 4-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 4 recites the limitation "the display unit". There is insufficient antecedent basis for this limitation in the claim.

Claim 5 recites the limitation "the sensor information acquisition button". There is insufficient antecedent basis for this limitation in the claim.

Claim 5 recites the limitation "the ID reading unit". There is insufficient antecedent basis for this limitation in the claim.

Claim 5 recites the limitation "the identification information". There is insufficient antecedent basis for this limitation in the claim.

Claim 5 recites the limitation "the sensor information display unit". There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "the sensor information acquisition button". There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "the ID reading unit". There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "the identification information". There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "the wireless communication unit". There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "the sensor information setting unit". There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "the sensor information display unit ". There is insufficient antecedent basis for this limitation in the claim.

Claim 7 recites the limitation "the enter button". There is insufficient antecedent basis for this limitation in the claim.

Claim 7 recites the limitation "the neighborhood information display unit". There is insufficient antecedent basis for this limitation in the claim.

Claim 7 recites the limitation "the equipment icon". There is insufficient antecedent basis for this limitation in the claim.

Claim 7 recites the limitation "the sensor icon". There is insufficient antecedent basis for this limitation in the claim.

Claim 7 recites the limitation "the sensor ID". There is insufficient antecedent basis for this limitation in the claim.

Claim 8 recites the limitation "the display unit". There is insufficient antecedent basis for this limitation in the claim.

Claim 8 recites the limitation "the equipment icon". There is insufficient antecedent basis for this limitation in the claim.

Claim 9 recites the limitation "the enter button". There is insufficient antecedent basis for this limitation in the claim.

Claim 9 recites the limitation "the neighborhood information display unit". There is insufficient antecedent basis for this limitation in the claim.

Claim 9 recites the limitation "the sensor icon". There is insufficient antecedent basis for this limitation in the claim.

Claim 9 recites the limitation "the reference icon". There is insufficient antecedent basis for this limitation in the claim.

Claim 9 recites the limitation "the position". There is insufficient antecedent basis for this limitation in the claim.

Claim 10 recites the limitation "the associated sensor ID". There is insufficient antecedent basis for this limitation in the claim.

Claim 10 recites the limitation "the sensor ID". There is insufficient antecedent basis for this limitation in the claim.

Allowable Subject Matter

3. Claims 4-10 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

4. The following is an examiner's statement of reasons for allowance:

Regarding claim 1, Naruse et al. (US 2003/0214399) teaches a sensor network system comprising; a sensor chip (e.g., wireless sensor 33, see fig. 3 and par. 66) which can transmit

measurement values by wireless communication, a sensor database (e.g., memory logic portion 4834, which process electrically the measurement data obtained by the sensor portion 4833, see par. 182, 132) which stores the measurement values measured by the sensor chip, a receiver (e.g., receiver 35, see fig. 3 and par. 66) which receives the measurement values from the sensor chip. Kawai et al. (US 7,336,202) teaches a temperature monitoring device that has a semiconductor chip with a temperature sensor, a memory that stores data for temperature measurement.

However, Narese et al. and Kawai et al., either alone or in combination, fails to teach a sensor information management unit which manages access to the sensor database, a receiver which receives the measurement values from the sensor chip and accesses the sensor information management unit via a network, a map database which stores, as map information, data about equipment in which the sensor chip is installed, a map information management unit which manages access to the map data base, and a sensor management device which registers a location where the sensor chip is installed in the map database, in combination with all of other limitations in the claim.

Claims 2-3 depend on claim 1. Thus, they are allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUY D. NGUYEN whose telephone number is (571)272-7845. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dwayne Bost can be reached on 571-272-7023. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Huy D Nguyen/
Examiner, Art Unit 2617